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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/593,891	06/14/2000	Sadao Nakayama	NFC DP-624	8215

7590 06/11/2003

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[REDACTED] EXAMINER

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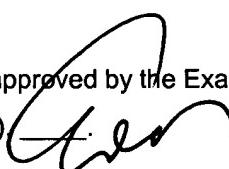
[REDACTED] ART UNIT

[REDACTED] PAPER NUMBER

2815

DATE MAILED: 06/11/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Advisory Action</b>	Application N .	Applicant(s)	
	09/593,891	NAKAYAMA, SADAO	
	Examiner Chris C. Chu	Art Unit 2815	
<i>--The MAILING DATE of this communication appears in the cover sheet with the correspondence address--</i>			
<p>THE REPLY FILED 05 June 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.</p>			
<b>PERIOD FOR REPLY [check either a) or b)]</b>			
<p>a) <input type="checkbox"/> The period for reply expires _____ months from the mailing date of the final rejection.</p> <p>b) <input checked="" type="checkbox"/> The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.  <b>ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).</b></p>			
<p>Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).</p>			
<p>1. <input type="checkbox"/> A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.</p> <p>2. <input type="checkbox"/> The proposed amendment(s) will not be entered because:</p> <ul style="list-style-type: none"> <li>(a) <input type="checkbox"/> they raise new issues that would require further consideration and/or search (see NOTE below);</li> <li>(b) <input type="checkbox"/> they raise the issue of new matter (see Note below);</li> <li>(c) <input type="checkbox"/> they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or</li> <li>(d) <input type="checkbox"/> they present additional claims without canceling a corresponding number of finally rejected claims.</li> </ul> <p>NOTE: _____.</p>			
<p>3. <input type="checkbox"/> Applicant's reply has overcome the following rejection(s): _____.</p> <p>4. <input type="checkbox"/> Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).</p> <p>5. <input checked="" type="checkbox"/> The a)<input type="checkbox"/> affidavit, b)<input type="checkbox"/> exhibit, or c)<input checked="" type="checkbox"/> request for reconsideration has been considered but does NOT place the application in condition for allowance because: <u>See Continuation Sheet</u>.</p> <p>6. <input type="checkbox"/> The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.</p> <p>7. <input checked="" type="checkbox"/> For purposes of Appeal, the proposed amendment(s) a)<input type="checkbox"/> will not be entered or b)<input type="checkbox"/> will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.</p>			
<p>The status of the claim(s) is (or will be) as follows:</p> <p>Claim(s) allowed: _____.</p> <p>Claim(s) objected to: _____.</p> <p>Claim(s) rejected: <u>1 - 8</u>.</p> <p>Claim(s) withdrawn from consideration: _____.</p>			
<p>8. <input type="checkbox"/> The proposed drawing correction filed on _____ is a)<input type="checkbox"/> approved or b)<input type="checkbox"/> disapproved by the Examiner.</p> <p>9. <input type="checkbox"/> Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s) _____.</p> <p>10. <input type="checkbox"/> Other: _____.</p>			
 <b>EDDIE LEE</b> <b>SUPERVISORY PATENT EXAMINER</b> <b>TECHNOLOGY CENTER 2800</b>			

Continuation of 5. does NOT place the application in condition for allowance because: Applicant argues "none of these references teaches that the bonding pads on the upper chip are located on the lower surface of that chip." This argument is not persuasive. Rostoker teaches in Fig. 1a and column 5, lines 57 and 58 bonding pads (108) on a chip (102) being located on a lower surface of that chip. Further, applicant argues "element 108 is a conductive bump contact and element 104 is the bonding pad (Rostoker, col. 5 lines 52 - 55)." This argument is not persuasive since it attempts to distinguish the claim from Rostoker merely through semantics. Whether one refers to elements (108) as conductive bump contacts or bonding pads, no patentable difference exists since there is no structural difference. Furthermore, applicant argues "there is a basic difference between the manner in which the dies are mounted in the primary reference Warren, and the new secondary reference Rostoker." This argument is not persuasive because the only teaching that the examiner is relying from Rostoker is the teaching of location of bonding pads on a chip. Applicant should note that the test for obviousness is not whether the features of a secondary reference may be bodily incorporated into the structure of the primary reference; nor is it that the claimed invention must be expressly suggested in any one or all of the references. Rather, the test is what the combined teachings of the references would have suggested to those of ordinary skill in the art. See *In re Keller*, 642 F.2d 413, 208 USPQ 871 (CCPA 1981). Finally, the rationale to modify or combine the prior art does not have to be expressly stated in the prior art; the rationale may be expressly or impliedly contained in the prior art or it may be reasoned from knowledge generally available to one of ordinary skill in the art, established scientific principles, or legal precedent established by prior case law. *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988); *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992) (see MPEP 2144).